



PANORAMA GÉNÉTIQUE, CLINIQUE ET BIOLOGIQUE DE LA MALADIE DE NIEMANN-PICK TYPE C EN FRANCE

SYNTHÈSE DE 230 FAMILLES

HCL

**HOSPICES CIVILS
DE LYON**

13/06/2023

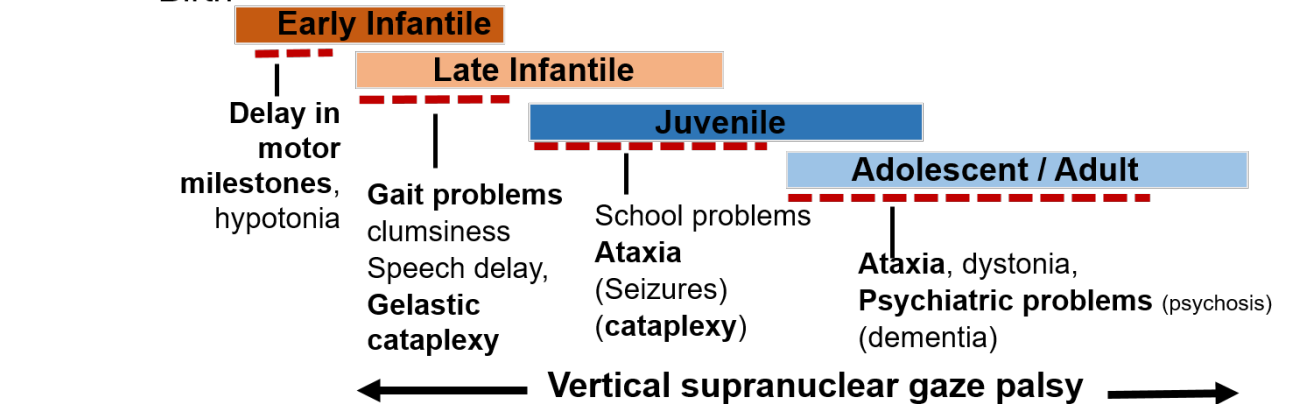
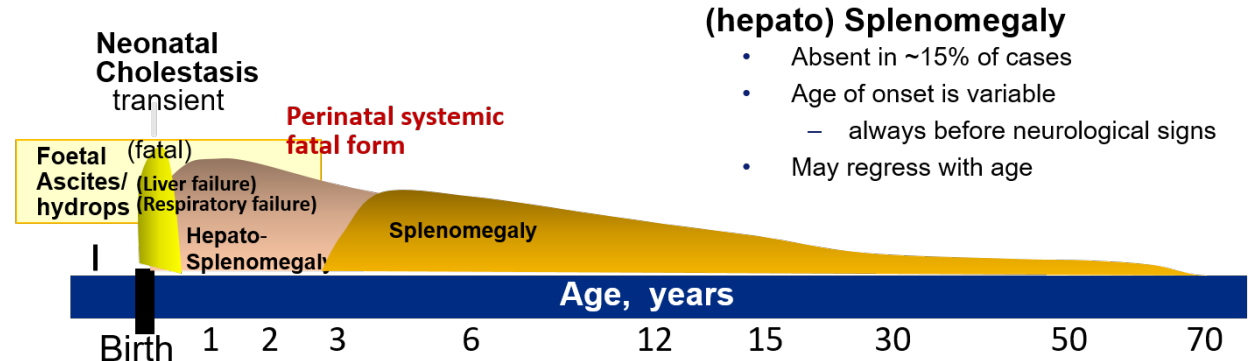
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PRÉSENTATIONS CLINIQUES DE LA MALADIE DE NIEMANN-PICK TYPE C

Systemic involvement



Neurological involvement

--- Period of onset ■ Duration and first symptoms

DIAGNOSTIC BIOLOGIQUE

Evolution des méthodes de diagnostic

Approches phénotypiques

- Biochimie sur foie (PBF) ou rate non fixés

Lipides + enzymo Puis parfois PBF si cholestase néonatale >>>

- Tests dynamiques sur cellules vivantes en culture (fibroblastes)



- Biochimie sur plasma

Biomarqueurs plasmatiques



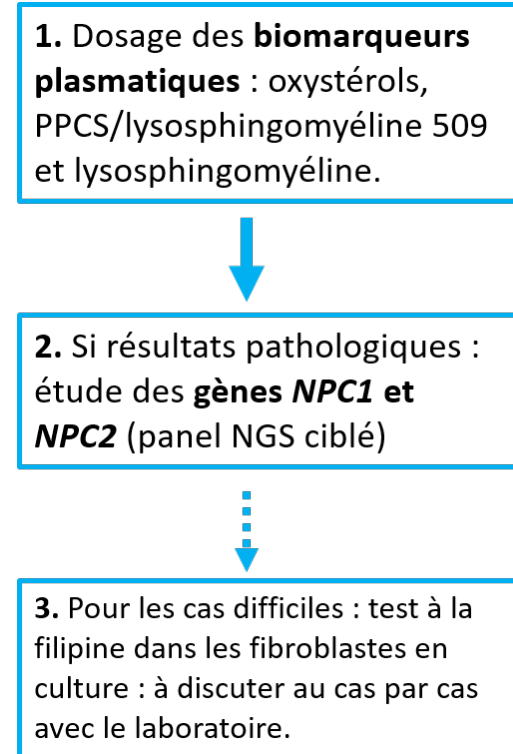
Séquençage Sanger >>>>>>

NGS

+ études complémentaires si nécessaire

Approches génétiques

Stratégie actuelle de diagnostic biologique

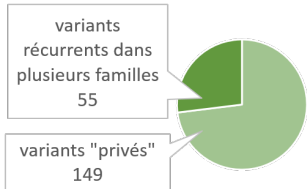
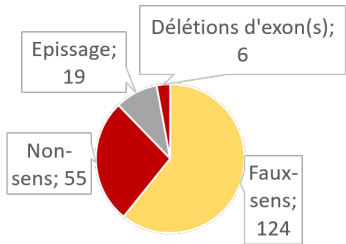


GÈNES, GÉNOTYPES

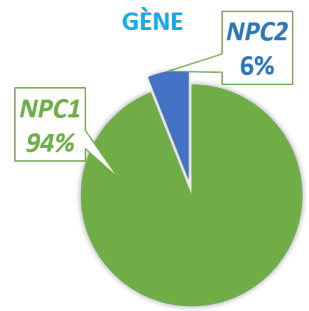
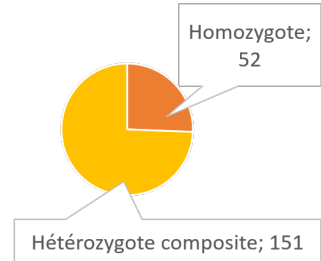
230 FAMILLES

NPC1

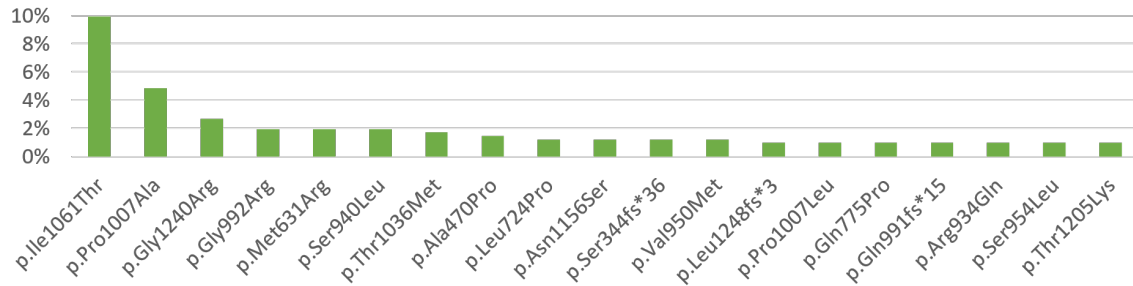
Types de variants (n=204)



Génotype des patients

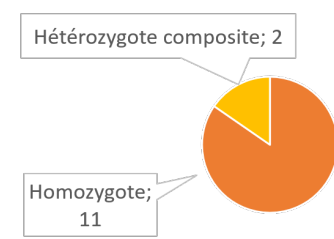


Fréquence allélique des principaux variants récurrents (n=203 patients index)

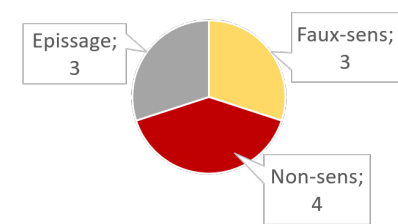


NPC2

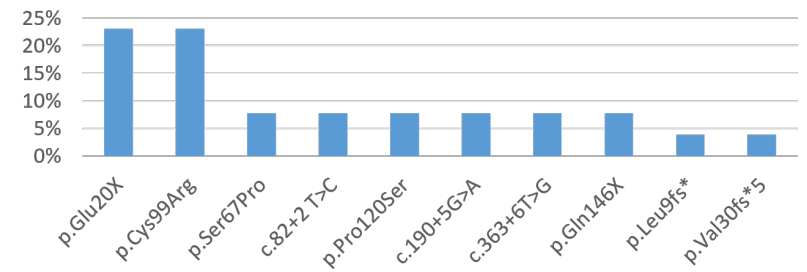
Génotype des patients



Types de variants (n=10)

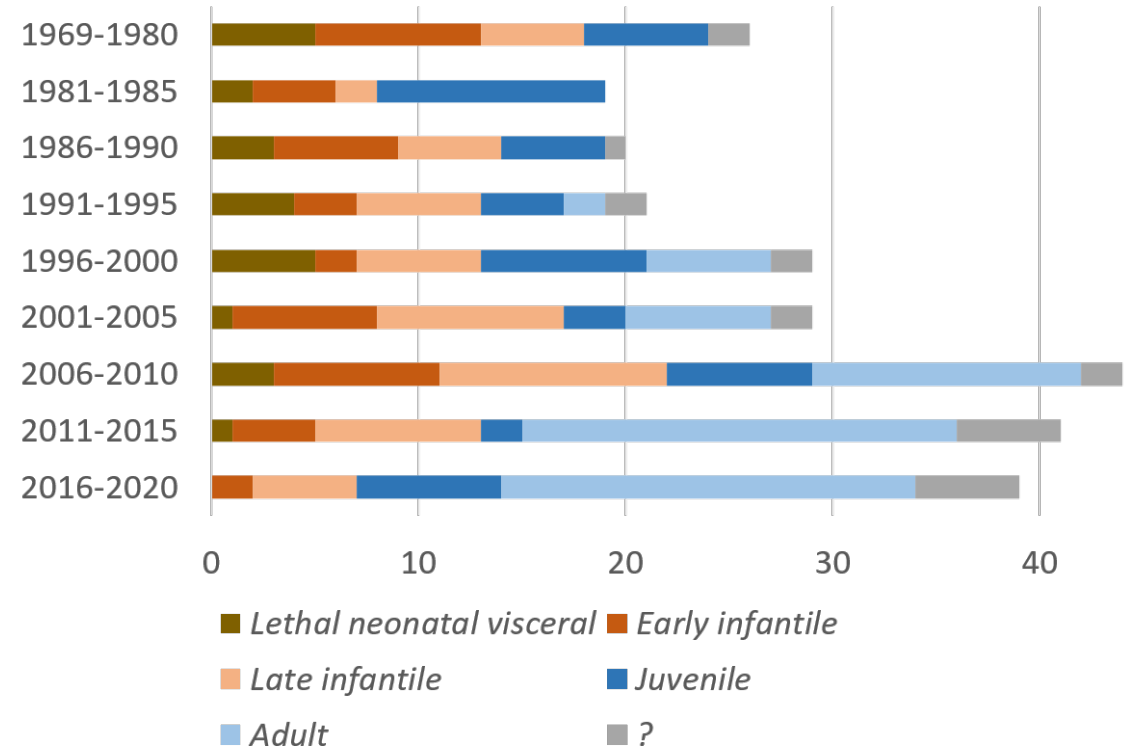
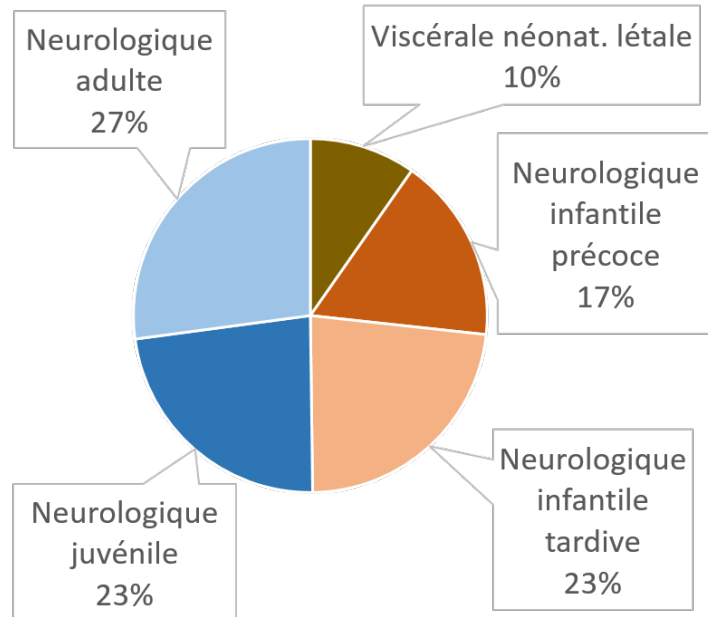


Fréquence allélique des variants (n=13 patients index)



FORMES CLINIQUES

231 PATIENTS



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